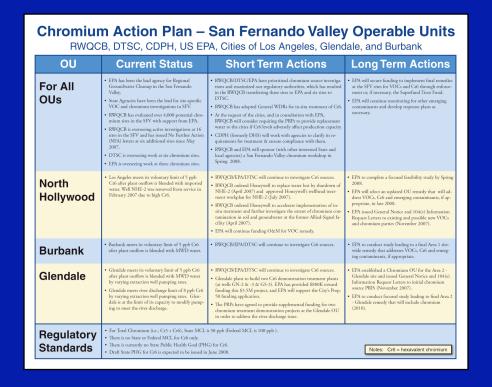
Going Forward - the Chromium Action Plan



San Fernando Valley Chromium Workshop March 10, 2008

Chromium Action Plan

- ➤ In December 2006, EPA initiated development of a Chromium Action Plan.
 - Developed with input from the State and Cities



RWQCB



DTSC



CDPH



City of Los Angeles



City of Glendale



City of Burbank

Upper Los Angeles
River Area Watermaster

 Identifies short and long term activities to address chromium contamination in the Superfund areas.

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 Identifies short and long term activities to address chromium contamination in the Superfund areas.

Current Status

- ➤ Area drinking water continues to meet Federal and State drinking water standards.
- ➤ Los Angeles, Burbank, and Glendale also meet their voluntary hexavalent chromium limits.
- Glendale meets limits on its discharge to river by managing well pumping rates







Short Term Actions

- Source Investigations
 - EPA, RWQCB & DTSC share workload on sources
 - EPA oversees source investigations at 3 facilities
 All Metals Drilube Lockheed Librascope
 - EPA initiated a Chromium OU at the Glendale site

> Source Cleanups

EPA completed soil cleanup at All Metals plating shop

Groundwater Treatment

 Glendale will build 2 chromium demonstration treatment plants (with partial EPA & PRP funding).

Long Term Actions

Update Superfund Groundwater Remedies

- In 2008, EPA will complete a North Hollywood focused feasibility study that addresses chromium and expects to select an updated remedy later this year.
- EPA will continue Glendale groundwater chromium PRP searches and continue investigations.
- EPA will update the Glendale and Burbank remedies and address chromium and emerging contaminants, if necessary

Clean up Sources of Chromium Contamination

- EPA will work with State to clean up chromium sources.
- Use enforcement tools to ensure PRPs pay for cleanups.

Going Forward

- Assure Compliance with Drinking Water Standards
 - EPA will assure that Superfund remedies comply with State and Federal standards.
 - EPA will work with State & local agencies to implement updated remedies as quickly as possible.
 - EPA will continue to monitor groundwater for emerging contaminants & develop response plans as necessary.

Chromium Action Plan – San Fernando Valley Operable Units

RWQCB, DTSC, CDPH, US EPA, Cities of Los Angeles, Glendale, and Burbank

OU	Current Status	Short Term Actions	Long Term Actions
For All OUs	 EPA has been the lead agency for Regional Groundwater Cleanup in the San Fernando Valley. State Agencies have been the lead for site-specific VOC and chromium investigations in SFV. RWQCB has evaluated over 4,000 potential chromium sites in the SFV with support from EPA. RWQCB is overseeing active investigations at 16 sites in the SFV and has issued or will issue No Further Action (NFA) letters at 6 additional sites since May 2007. DTSC is overseeing work at 6 chromium sites. EPA is overseeing work at 3 chromium sites. 	 RWQCB/DTSC/EPA have prioritized chromium source investigations and maximized our regulatory authorities, which resulted in the RWQCB transferring three sites to EPA and six sites to DTSC. RWQCB has adopted General WDRs for <i>in situ</i> treatment of Cr6. At the request of the cities, and in consultation with EPA, RWQCB will consider requiring the PRPs to provide replacement water to the cities if Cr6 levels adversely affect production capacity. CDPH (formerly DHS) will work with agencies to clarify its requirements for treatment & ensure compliance with them. RWQCB and EPA will sponsor (with other interested State and local agencies) a San Fernando valley chromium workshop in Spring 2008. 	 EPA will secure funding to implement final remedies at the SFV sites for VOCs and Cr6 through enforcement or, if necessary, the Superfund Trust fund. EPA will continue monitoring for other emerging contaminants and develop response plans as necessary.
Regulatory Standards	 For Total Chromium (i.e., Cr3 + Cr6), State MCL is 50 ppb (Federal MCL is 100 ppb) There is no State or Federal MCL for Cr6 only There is currently no State Public Health Goal (PHG) for Cr6 Draft State PHG for Cr6 is expected to be issued in June 2008. 		